sapience
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Email: sapiencebangalore@gmail.com

Job No.: SCE/BBMP/JCP/69/2022-2023

Date : 01.10.2022

TEST REPORT ON COARSE AGGREGATES

Client : **Assistant Executive Engineer,** Laggere Sub Division,BBMP, Bangalore.

Agency : **M/s J C Prakash Infrastructure Private Limited (Javali Chandranna Prakash),** Contractor, Bangalore.

Name of Work : Comprehensive Development of Roads and Drains in Lavakusha Nagara, Muneshwara Nagara and Surrounding areas in Ward No.69 under Package-2022-23 RRN-DIV-(13), BBMP, Bangalore

Location : Muneshwara Layout 2nd 'B' cross #722 Mathru Kuteera Laggere Ward 69

Sample Recied on 24.09.2022

Date of Testing : 01.10.2022

IS Code :IS 383:2016

:IS 2386 (Part 1):1963(RA 2011)

Material : 20mm Aggregates

Total Wt. of Aggregates in gms= **5000**

Is Sieve Size in mm	Weight Retained (gm)	Retained Weight in %	Cumulative Retained Weight in %	Cumulative Weight Passing in %	Requirements as per IS 383:2016
40	0	0	0	100	100
20	209	4.2	4.2	95.8	95-100
10	2514	50.3	54.5	45.5	25-55
4.75	1936	38.7	93.2	6.8	0-10

Note:

1. The Material is satisfied as per the requirement.

For Sapience Consultants

Authorised Signatory

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Job No.: SCE/BBMP/JCP/69/2022-2023

Date : 01.10.2022

TEST REPORT ON FINE AGGREGATES (SAND)
IS 1542-1992

Client : **Assistant Executive Engineer,** Laggere Sub Division, BBMP, Bangalore.

Agency : **M/s J C Prakash Infrastructure Private Limited (Javali Chandranna Prakash),** Contractor, Bangalore.

Name of Work : Comprehensive Development of Roads and Drains in Lavakusha Nagara, Muneshwara Nagara and Surrounding areas in Ward No.69 under Package-2022-23 RRN-DIV-(13), BBMP, Bangalore

Location : Muneshwara Layout 2nd 'B' cross #722 Mathru Kuteera Laggere Ward 69

Sample Received on 24.09.2022

Date of Testing : 01.10.2022

Material : Plastering Sand

Total wt. of aggregates in gms = **1000**

Total wt. of aggregates in gms = **1000**

Is Sieve Size in mm	Weight Retained (gm)	Retained Weight in %	Cumulative Retained Weight in %	Cumulative Weight Passing in %	Spec.Limits as per IS 1542-1992
10	0	0	0	100	100
4.75	24	2.40	2.40	97.6	95-100
2.36	22	2.20	4.60	95.4	95-100
1.18	37	3.70	8.30	91.7	90-100
600 Micron	89	8.90	17.20	82.8	80-100
300 Micron	214	21.40	38.60	61.4	20-65
150 Micron	495	49.50	88.10	11.9	0-15

Note:

1. The Material is satisfied as per the requirement.

For Sapience Consultants

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Job No.: SCE/BBMP/JCP/69/2022-2023

Date : 01.10.2022

TEST REPORT ON FINE AGGREGATES (SAND)
IS 2116-1980

Client : **Assistant Executive Engineer,** Laggere Sub Division, BBMP, Bangalore.

Agency : **M/s J C Prakash Infrastructure Private Limited (Javali Chandranna Prakash),** Contractor, Bangalore.

Name of Work : Comprehensive Development of Roads and Drains in Lavakusha Nagara, Muneshwara Nagara and Surrounding areas in Ward No.69 under Package-2022-23 RRN-DIV-(13), BBMP, Bangalore

Location : Muneshwara Layout 2nd 'B' cross #722 Mathru Kuteera Laggere Ward 69

Sample Received on 24.09.2022

Date of Testing : 01.10.2022

Material : Masonry Sand

Total wt. of aggregates in gms = **1000**

Total wt. of aggregates in gms = **1000**

Is Sieve Size in mm	Weight Retained (gm)	Retained Weight in %	Cumulative Retained Weight in %	Cumulative Weight Passing in %	Spec.Limits as per IS 2116-1980
4.75	0	0.00	0.00	100.0	100
2.36	18	1.80	1.80	98.2	90-100
1.18	17	1.70	3.50	96.5	70-100
600 Micron	104	10.40	13.90	86.1	40-100
300 Micron	215	21.50	35.40	64.6	5-70
150 Micron	506	50.60	86.00	14.0	0-15

Note:

1. The Material is satisfied as per the requirement.

For Sapience Consultants

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Ref. No.: SCE/BBMP/JCP/69/2022-2023

Date: 07.10.2022

KERB STONE (CORE) TEST REPORT

Client	:	: Assistant Executive Engineer, Laggere Sub Division,BBMP, Bangalore.
Agency	:	: M/s J C Prakash Infrastructure Private Limited (Javali Chandranna Prakash), Contractor, Bangalore.
Name of Work	:	: Comprehensive Development of Roads and Drains in Lavakusha Nagara, Muneshwara Nagara and Surrounding areas in Ward No.69 under Package-2022-23 RRN-DIV-(13), BBMP, Bangalore
Location	:	: Muneshwara Layout 2nd 'B' cross #722 Mathru Kuteera Laggere Ward 69
Sample Received on	:	24.09.2022
No.of Sample Tested	:	03
Date of Testing	:	07.10.2022
Techinical Reference	:	IS:516-1959 (Reaffirmed 1999), SP-24:1983.
Grade of Concrete	:	M_{20}

Sl. No.	Dia of Core D (mm)	Height of Core H (mm)	Core Wt (Kg)	Density of Core (kg / m^3)	H / D	Correction factor (Based on H/D)	Failure Load (kN)	Core Strength (N/mm^2)	Correction Factor for the Dia. (Strength of the Core x 1.08)	Corrected Cylinder Compressive Strength (N/mm^2)	Equivalent Cube Compressive Strength (N/mm^2)
1	50.00	82.00	0.373	2316.67	1.64	0.961	32.20	16.40	17.71	17.02	21.28
2	50.00	85.00	0.391	2342.76	1.70	0.968	33.40	17.01	18.37	17.78	22.22
3	50.00	87.00	0.408	2388.42	1.74	0.972	34.90	17.77	19.20	18.66	23.32

Note:

1. The Material is satisfied as per the requirement.

For Sapience Consultants

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Job No.: SCE/BBMP/JCP/69/2022-2023 Date:30.09.2022

TEST REPORT ON CEMENT

Client : **Assistant Executive Engineer,** Laggere Sub Division,BBMP, Bangalore.

Agency : **M/s J C Prakash Infrastructure Private Limited (Javali Chandranna Prakash),** Contractor, Bangalore.

Name of Work : Comprehensive Development of Roads and Drains in Lavakusha Nagara, Muneshwara Nagara and Surrounding areas in Ward No.69 under Package-2022-23 RRN-DIV-(13), BBMP, Bangalore

Sample : : Cement (Zuari 53 grade OPC)

Location : Rajiv Gandhi Nagara 2nd cross near #9 Sri Kalabairaveshwara Nilaya Laggere

Date of Manufacture: : August-2022

Sample Received on : 24.09.2022

Date of Testing : 28.09.2022 to 30.09.2022

Sl.No	Descriptions	Test Method as per IS	Test Result	Requirements as per IS: 269:2015
1	a) Initial Setting Time	IS-4031 (Part - 5):1988(RA 2014)	130 Minutes	Not Less than 30 Minutes
	b) Final Setting Time	IS-4031 (Part - 5):1988(RA 2014)	360 Minutes	Not More than 600 Minutes
2	Soundness	IS-4031 (Part 3) :1988 (RA 2014) by the Le-Chatelier method	1 mm	Not more than 10 mm
3	Standard Consistency	IS-4031 (Part -4)	29.50%	-

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Note:

1. *The Material is satisfied as per the requirement.*

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Job No.: SCE/BBMP/JCP/69/2022-2023

Date : 30.09.2022

TEST REPORT ON FINE AGGREGATES (SAND)

Client : **Assistant Executive Engineer,** Laggere Sub Division,BBMP, Bangalore.

Agency : **M/s J C Prakash Infrastructure Private Limited (Javali Chandranna Prakash),** Contractor, Bangalore.

Name of Work : Comprehensive Development of Roads and Drains in Lavakusha Nagara, Muneshwara Nagara and Surrounding areas in Ward No.69 under Package-2022-23 RRN-DIV-(13), BBMP, Bangalore

Location : Rajiv Gandhi Nagara 2nd cross near #9 Sri Kalabairaveshwara Nilaya Laggere

Sample Recied on 24.09.2022

Date of Testing : 30.09.2022

IS Code :IS 383:2016
:IS 2386 (Part 1):1963(RA 2011)

Material : Sand

Total Wt. of Aggregates in gms **1000**

Is Sieve Size in mm	Weight Retained (gm)	Retained Weight in %	Cumulative Retained Weight in %	Cumulative Weight Passing in %	Requirements as per IS 383:2016 Spec.Limits For Zone-II
10	0	0	0	100	100
4.75	82	8.20	8.20	91.8	90-100
2.36	116	11.60	19.80	80.2	75-100
1.18	192	19.20	39.00	61.0	55-90
600 Micron	207	20.70	59.70	40.3	35-59
300 Micron	185	18.50	78.20	21.8	8-30
150 Micron	152	15.20	93.40	6.6	0-10

Note:

1. *The Material is satisfied as per the requirement.*

For Sapience Consultants

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Job No.: SCE/BBMP/JCP/69/2022-2023

Date : 30.09.2022

TEST REPORT ON COARSE AGGREGATES

Client Agency : **Assistant Executive Engineer,** Laggere Sub Division,BBMP, Bangalore.

: **M/s J C Prakash Infrastructure Private Limited (Javali Chandranna Prakash),** Contractor, Bangalore.

Name of Work : Comprehensive Development of Roads and Drains in Lavakusha Nagara, Muneshwara Nagara and Surrounding areas in Ward No.69 under Package-2022-23 RRN-DIV-(13), BBMP, Bangalore

Location : Rajiv Gandhi Nagara 2nd cross near #9 Sri Kalabairaveshwara Nilaya Laggere

Sample Recied on 24.09.2022

Date of Testing : 30.09.2022

IS Code :IS 383:2016

:IS 2386 (Part 1):1963(RA 2011)

Material : 40mm Aggregates

Total Wt. of Aggregates in gms **15000**

Is Sieve Size in mm	Weight Retained (gm)	Retained Weight in %	Cumulative Retained Weight in %	Cumulative Weight Passing in %	Requirements as per IS 383:2016
80	0	0	0	100	100
40	206	1.37	1.37	98.63	95-100
20	8203	54.69	56.06	43.94	30-70
10	3297	21.98	78.04	21.96	10-35
4.75	2641	17.61	95.65	4.35	0-5

Note:

1. *The Material is satisfied as per the requirement.*

For Sapience Consultants

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Job No: SCE/BBMP/JCP/69/2022-2023

Date : 30.09.2022

TEST REPORT ON COARSE AGGREGATES

Client : **Assistant Executive Engineer,** Laggere Sub Division,BBMP, Bangalore.

Agency : **M/s J C Prakash Infrastructure Private Limited (Javali Chandranna Prakash),** Contractor, Bangalore.

Name of Work : Comprehensive Development of Roads and Drains in Lavakusha Nagara, Muneshwara Nagara and Surrounding areas in Ward No.69 under Package-2022-23 RRN-DIV-(13), BBMP, Bangalore

Location : Rajiv Gandhi Nagara 2nd cross near #9 Sri Kalabairaveshwara Nilaya Laggere

Sample Recied on 24.09.2022

Date of Testing : 30.09.2022

IS Code :IS 383:2016

:IS 2386 (Part 1):1963(RA 2011)

Material : 20mm Aggregates

Total Wt. of Aggregates in gms= **5000**

Is Sieve Size in mm	Weight Retained (gm)	Retained Weight in %	Cumulative Retained Weight in %	Cumulative Weight Passing in %	Requirements as per IS 383:2016
40	0	0	0	100	100
20	212	4.2	4.2	95.8	95-100
10	2438	48.8	53.0	47.0	25-55
4.75	2165	43.3	96.3	3.7	0-10

Note:

1. The Material is satisfied as per the requirement.

For Sapience Consultants

Authorised Signatory

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Job No.: SCE/BBMP/JCP/69/2022-2023

Date : 30.09.2022

TEST REPORT ON SOLID CONCRETE BLOCKS

Client : **Assistant Executive Engineer,** Laggere Sub Division,BBMP, Bangalore.

Agency : **M/s J C Prakash Infrastructure Private Limited (Javali Chandranna Prakash),** Contractor, Bangalore.

Name of the Work : Comprehensive Development of Roads and Drains in Lavakusha Nagara, Muneshwara Nagara and Surrounding areas in Ward No.69 under Package-2022-23 RRN-DIV-(13), BBMP, Bangalore

Location : Rajiv Gandhi Nagara 2nd cross near #9 Sri Kalabairaveshwara Nilaya Laggere

Sample Received on 24.09.2022

Date of Testing : 30.09.2022

Size of Blocks : 400mm x 200mm x 200mm

Cross Sectional Area : 80000 mm^2

Technical Reference : IS: 2185 (Part 1) - 2005

No. of Blocks Tested : 04

Sl.No.	Block ID	Wt. in Kg	Failure load (KN)	Compressive strength (N/mm^2)	Block Density in Kg/M^3	Requirement as per IS 2185 (Part 1) - 2005
1	Block 1	31.6	404.4	5.06	1975.00	Minimum required Compressive Strength of Individual Units 5.00N/mm^2
2	Block 2	32.4	410.3	5.13	2025.00	
3	Block 3	30.7	413.7	5.17	1918.75	
4	Block 4	31.3	417.6	5.22	1956.25	

Note:

1. The Material is satisfied as per the requirement.

For Sapience Consultants

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S.No: SCE/BBMP/JCP/69/2022-2023

KERB STONE (CORE) TEST REPORT

Date: 06.10.2022

Client	:	: Assistant Executive Engineer, Laggere Sub Division,BBMP, Bangalore.
Agency	:	: M/s J C Prakash Infrastructure Private Limited (Javali Chandranna Prakash), Contractor, Bangalore.
Name of Work	:	: Comprehensive Development of Roads and Drains in Lavakusha Nagara, Muneshwara Nagara and Surrounding areas in Ward No.69 under Package-2022-23 RRN-DIV-(13), BBMP, Bangalore
Location	:	: Rajiv Gandhi Nagara 2nd cross near #9 Sri Kalabairaveshwara Nilaya Laggere
Sample Received on	:	24.09.2022
No.of Sample Tested	:	03
Date of Testing	:	06.10.2022
Techinical Reference	:	IS:516-1959 (Reaffirmed 1999), SP-24:1983.
Grade of Concrete	:	M_{20}

Sl. No.	Dia of Core D (mm)	Height of Core H (mm)	Core Wt (Kg)	Density of Core (kg / m^3)	H / D	Correction factor (Based on H/D)	Failure Load (kN)	Core Strength (N/mm^2)	Correction Factor for the Dia. (Strength of the Core x 1.08)	Corrected Cylinder Compressive Strength (N/mm^2)	Equivalent Cube Compressive Strength (N/mm^2)
1	50.00	81.00	0.369	2320.13	1.62	0.959	33.40	17.01	18.37	17.62	22.02
2	50.00	83.00	0.384	2356.26	1.66	0.963	34.90	17.77	19.20	18.49	23.11
3	50.00	86.00	0.402	2380.66	1.72	0.970	35.20	17.93	19.36	18.78	23.47

Note:

1. The Material is satisfied as per the requirement.

For Sapience Consultants

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Job No.: SCE/BBMP/JCP/69/2022-2023

Date : 30.09.2022

TEST REPORT ON FINE AGGREGATES (SAND)
IS 1542-1992

Client : **Assistant Executive Engineer,** Laggere Sub Division, BBMP, Bangalore.

Agency : **M/s J C Prakash Infrastructure Private Limited (Javali Chandranna Prakash),** Contractor, Bangalore.

Name of Work : Comprehensive Development of Roads and Drains in Lavakusha Nagara, Muneshwara Nagara and Surrounding areas in Ward No.69 under Package-2022-23 RRN-DIV-(13), BBMP, Bangalore

Location : Rajiv Gandhi Nagara 2nd cross near #9 Sri Kalabairaveshwara Nilaya Laggere

Sample Received on 24.09.2022

Date of Testing : 30.09.2022

Material : Plastering Sand

Total wt. of aggregates in gms = **1000**

Total wt. of aggregates in gms = **1000**

Is Sieve Size in mm	Weight Retained (gm)	Retained Weight in %	Cumulative Retained Weight in %	Cumulative Weight Passing in %	Spec.Limits as per IS 1542-1992
10	0	0	0	100	100
4.75	18	1.80	1.80	98.2	95-100
2.36	22	2.20	4.00	96.0	95-100
1.18	37	3.70	7.70	92.3	90-100
600 Micron	61	6.10	13.80	86.2	80-100
300 Micron	215	21.50	35.30	64.7	20-65
150 Micron	523	52.30	87.60	12.4	0-15

Note:

1. The Material is satisfied as per the requirement.

For Sapience Consultants

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Job No.: SCE/BBMP/JCP/69/2022-2023

Date : 30.09.2022

TEST REPORT ON FINE AGGREGATES (SAND)
IS 2116-1980

Client : **Assistant Executive Engineer,** Laggere Sub Division, BBMP, Bangalore.

Agency : **M/s J C Prakash Infrastructure Private Limited (Javali Chandranna Prakash),** Contractor, Bangalore.

Name of Work : Comprehensive Development of Roads and Drains in Lavakusha Nagara, Muneshwara Nagara and Surrounding areas in Ward No.69 under Package-2022-23 RRN-DIV-(13), BBMP, Bangalore

Location : Rajiv Gandhi Nagara 2nd cross near #9 Sri Kalabairaveshwara Nilaya Laggere

Sample Received on 24.09.2022

Date of Testing : 30.09.2022

Material : Masonry Sand

Total wt. of aggregates in gms = **1000**

Total wt. of aggregates in gms = **1000**

Is Sieve Size in mm	Weight Retained (gm)	Retained Weight in %	Cumulative Retained Weight in %	Cumulative Weight Passing in %	Spec.Limits as per IS 2116-1980
4.75	0	0.00	0.00	100.0	100
2.36	23	2.30	2.30	97.7	90-100
1.18	21	2.10	4.40	95.6	70-100
600 Micron	87	8.70	13.10	86.9	40-100
300 Micron	211	21.10	34.20	65.8	5-70
150 Micron	522	52.20	86.40	13.6	0-15

Note:

1. The Material is satisfied as per the requirement.

For Sapience Consultant

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Job No.: SCE/BBMP/JCP/69/2022-2023 Date:30.09.2022

TEST REPORT ON CEMENT

Client : **Assistant Executive Engineer,** Laggere Sub Division,BBMP, Bangalore.
Agency : **M/s J C Prakash Infrastructure Private Limited (Javali Chandranna Prakash),** Contractor, Bangalore.
Name of Work : Comprehensive Development of Roads and Drains in Lavakusha Nagara, Muneshwara Nagara and Surrounding areas in Ward No.69 under Package-2022-23 RRN-DIV-(13), BBMP, Bangalore
Sample : : Cement (Zuari 53 grade OPC)
Location : Seenappa Ground Cross Road 1
Date of Manufacture: : August-2022
Sample Received on : 24.09.2022
Date of Testing : 28.09.2022 to 30.09.2022

Sl.No	Descriptions	Test Method as per IS	Test Result	Requirements as per IS: 269:2015
1	a) Initial Setting Time	IS-4031 (Part -5):1988(RA 2014)	140 Minutes	Not Less than 30 Minutes
	b) Final Setting Time	IS-4031 (Part -5):1988(RA 2014)	380 Minutes	Not More than 600 Minutes
2	Soundness	IS-4031 (Part 3) :1988 (RA 2014) by the Le-Chatelier method	1 mm	Not more than 10 mm
3	Standard Consistency	IS-4031 (Part -4)	30.00%	-

Note:
1. The Material is satisfied as per the requirement.

For Sapience Consultants

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Job No.: SCE/BBMP/JCP/69/2022-2023

Date : 30.09.2022

TEST REPORT ON FINE AGGREGATES (SAND)

Client Agency : **Assistant Executive Engineer,** Laggere Sub Division,BBMP, Bangalore.
: **M/s J C Prakash Infrastructure Private Limited (Javali Chandranna Prakash),** Contractor, Bangalore.

Name of Work : Comprehensive Development of Roads and Drains in Lavakusha Nagara, Muneshwara Nagara and Surrounding areas in Ward No.69 under Package-2022-23 RRN-DIV-(13), BBMP, Bangalore

Location : Seenappa Ground Cross Road 1

Sample Recied on 24.09.2022

Date of Testing : 30.09.2022

IS Code :IS 383:2016
:IS 2386 (Part 1):1963(RA 2011)

Material : Sand

Total Wt. of Aggregates in gms **1000**

Is Sieve Size in mm	Weight Retained (gm)	Retained Weight in %	Cumulative Retained Weight in %	Cumulative Weight Passing in %	Requirements as per IS 383:2016 Spec.Limits For Zone-II
10	0	0	0	100	100
4.75	87	8.70	8.70	91.3	90-100
2.36	119	11.90	20.60	79.4	75-100
1.18	162	16.20	36.80	63.2	55-90
600 Micron	204	20.40	57.20	42.8	35-59
300 Micron	203	20.30	77.50	22.5	8-30
150 Micron	185	18.50	96.00	4.0	0-10

Note:

1. The Material is satisfied as per the requirement.

For Sapience Consultants

Authorised Signatory

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Job No.: SCE/BBMP/JCP/69/2022-2023

Date : 30.09.2022

TEST REPORT ON COARSE AGGREGATES

Client Agency : **Assistant Executive Engineer,** Laggere Sub Division,BBMP, Bangalore.
: **M/s J C Prakash Infrastructure Private Limited (Javali Chandranna Prakash),** Contractor, Bangalore.

Name of Work : Comprehensive Development of Roads and Drains in Lavakusha Nagara, Muneshwara Nagara and Surrounding areas in Ward No.69 under Package-2022-23 RRN-DIV-(13), BBMP, Bangalore

Location : Seenappa Ground Cross Road 1

Sample Recied on 24.09.2022

Date of Testing : 30.09.2022

IS Code :IS 383:2016
:IS 2386 (Part 1):1963(RA 2011)

Material : 20mm Aggregates

Total Wt. of Aggregates in gms= **5000**

Is Sieve Size in mm	Weight Retained (gm)	Retained Weight in %	Cumulative Retained Weight in %	Cumulative Weight Passing in %	Requirements as per IS 383:2016
40	0	0	0	100	100
20	211	4.2	4.2	95.8	95-100
10	2741	54.8	59.0	41.0	25-55
4.75	1627	32.5	91.6	8.4	0-10

Note:

1. The Material is satisfied as per the requirement.

For Sapience Consultants

Authorised Signatory

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Ph: 9448851634, 8762194386,
Email: sapiencebangalore@gmail.com

Job No.: SCE/BBMP/JCP/69/2022-2023

Date: 17.10.2022

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client	
Agency	: **Assistant Executive Engineer,** Laggere Sub Division,BBMP, Bangalore.
Name of the work	: **M/s J C Prakash Infrastructure Private Limited (Javali Chandranna Prakash),** Contractor, Bangalore. : Comprehensive Development of Roads and Drains in Lavakusha Nagara, Muneshwara Nagara and Surrounding areas in Ward No.69 under Package-2022-23 RRN-DIV-(13), BBMP, Bangalore
Location	: Seenappa Ground Cross Road 1
Sample Received On	: 17.10.2022
Sample ID	: Cement Concrete
Size of cubes	: 150mmx150mmx150mm
Cross Sectional Area	: 22500 mm^2
Technical Reference	: IS: 516-1959 (Reaffirmed 2008)
Grade of Concrete	: M_{30}
Compressive Strength as on	: 7th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	10.10.2022	17.10.2022	8.117	523.9	23.28
2	10.10.2022	17.10.2022	8.190	536.8	23.86
3	10.10.2022	17.10.2022	8.145	514.1	22.85

Note:

1. The Material is satisfied as per the requirement.

For Sapience Consultants

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Job No.: SCE/BBMP/JCP/69/2022-2023

Date: 17.10.2022

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client

Agency : **Assistant Executive Engineer,** Laggere Sub Division,BBMP, Bangalore.

Name of the work : **M/s J C Prakash Infrastructure Private Limited (Javali Chandranna Prakash),** Contractor, Bangalore.
: Comprehensive Development of Roads and Drains in Lavakusha Nagara, Muneshwara Nagara and Surrounding areas in Ward No.69 under Package-2022-23 RRN-DIV-(13), BBMP, Bangalore

Location : Seenappa Ground Cross Road 1

Sample Received on : 17.10.2022

Sample ID : Cement Concrete

Size of cubes : 150mmx150mmx150mm

Cross Sectional Area : 22500 mm^2

Technical Reference : IS: 516-1959 (Reaffirmed 2008)

Grade of Concrete : M_{30}

Compressive Strength as on : 7th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	10.10.2022	17.10.2022	8.163	516.7	22.96
2	10.10.2022	17.10.2022	8.139	503.5	22.38
3	10.10.2022	17.10.2022	8.100	529.5	23.53

Note:

1. The Material is satisfied as per the requirement.

For Sapience Consultants

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Email: sapiencebangalore@gmail.com

Job No.: SCE/BBMP/JCP/69/2022-2023

Date: 17.10.2022

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client : **Assistant Executive Engineer,** Laggere Sub Division,BBMP, Bangalore.

Agency : **M/s J C Prakash Infrastructure Private Limited (Javali Chandranna Prakash),** Contractor, Bangalore.

Name of the work : Comprehensive Development of Roads and Drains in Lavakusha Nagara, Muneshwara Nagara and Surrounding areas in Ward No.69 under Package-2022-23 RRN-DIV-(13), BBMP, Bangalore

Location : Aralimara Circle #Towrads Byraveshwara Nagara (Behind Temple)

Sample Received on : 17.10.2022

Sample ID : Cement Concrete

Size of cubes : 150mmx150mmx150mm

Cross Sectional Area : 22500 mm^2

Technical Reference : IS: 516-1959 (Reaffirmed 2008)

Grade of Concrete : M_{30}

Compressive Strength as on : 7th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	10.10.2022	17.10.2022	8.081	524.5	23.31
2	10.10.2022	17.10.2022	8.027	531.2	23.61
3	10.10.2022	17.10.2022	8.003	515.8	22.92

Note:

1. The Material is satisfied as per the requirement.

For Sapience Consultants

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Email: sapiencebangalore@gmail.com

Job No.: SCE/BBMP/JCP/69/2022-2023

Date: 17.10.2022

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client

Agency : **Assistant Executive Engineer,** Laggere Sub Division,BBMP, Bangalore.

Name of the work : **M/s J C Prakash Infrastructure Private Limited (Javali Chandranna Prakash),** Contractor, Bangalore.
: Comprehensive Development of Roads and Drains in Lavakusha Nagara, Muneshwara Nagara and Surrounding areas in Ward No.69 under Package-2022-23 RRN-DIV-(13), BBMP, Bangalore

Location : Atalimara Circle #Towrads Byraveshwara Nagara (Behind Temple)

Sample Received on : 17.10.2022

Sample ID : Cement Concrete

Size of cubes : 150mmx150mmx150mm

Cross Sectional Area : 22500 mm^2

Technical Reference : IS: 516-1959 (Reaffirmed 2008)

Grade of Concrete : M_{30}

Compressive Strength as on : 7th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	10.10.2022	17.10.2022	8.120	538.9	23.95
2	10.10.2022	17.10.2022	8.149	516.7	22.96
3	10.10.2022	17.10.2022	8.195	504.1	22.40

Note:

1. The Material is satisfied as per the requirement.

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Email: sapiencebangalore@gmail.com

Job No.: SCE/BBMP/JCP/69/2022-2023

Date: 18.10.2022

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client : **Assistant Executive Engineer,** Laggere Sub Division,BBMP, Bangalore.

Agency : **M/s J C Prakash Infrastructure Private Limited (Javali Chandranna Prakash),** Contractor, Bangalore.

Name of the work : Comprehensive Development of Roads and Drains in Lavakusha Nagara, Muneshwara Nagara and Surrounding areas in Ward No.69 under Package-2022-23 RRN-DIV-(13), BBMP, Bangalore

Location : Cross Road near Aralimara

Sample Received on : 18.10.2022

Sample ID : Cement Concrete

Size of cubes : 150mmx150mmx150mm

Cross Sectional Area : 22500 mm^2

Technical Reference : IS: 516-1959 (Reaffirmed 2008)

Grade of Concrete : M_{30}

Compressive Strength as on : 7th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	11.10.2022	18.10.2022	8.068	519.2	23.08
2	11.10.2022	18.10.2022	8.091	531.6	23.63
3	11.10.2022	18.10.2022	8.113	502.2	22.32

Note:

1. The Material is satisfied as per the requirement.

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Email: sapiencebangalore@gmail.com

Job No.: SCE/BBMP/JCP/69/2022-2023

Date: 18.10.2022

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client : **Assistant Executive Engineer,** Laggere Sub Division,BBMP, Bangalore.

Agency : **M/s J C Prakash Infrastructure Private Limited (Javali Chandranna Prakash),** Contractor, Bangalore.

Name of the work : Comprehensive Development of Roads and Drains in Lavakusha Nagara, Muneshwara Nagara and Surrounding areas in Ward No.69 under Package-2022-23 RRN-DIV-(13), BBMP, Bangalore

Location : Cross Road near Aralimara

Sample Received on : 18.10.2022

Sample ID : Cement Concrete

Size of cubes : 150mmx150mmx150mm

Cross Sectional Area : 22500 mm^2

Technical Reference : IS: 516-1959 (Reaffirmed 2008)

Grade of Concrete : M_{30}

Compressive Strength as on : 7th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	11.10.2022	18.10.2022	8.145	528.5	23.49
2	11.10.2022	18.10.2022	8.103	503.6	22.38
3	11.10.2022	18.10.2022	8.076	514.2	22.85

Note:

1. The Material is satisfied as per the requirement.

For Sapience Consultants

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Email: sapiencebangalore@gmail.com

Job No.: SCE/BBMP/JCP/69/2022-2023

Date: 19.10.2022

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client : **Assistant Executive Engineer,** Laggere Sub Division,BBMP, Bangalore.

Agency : **M/s J C Prakash Infrastructure Private Limited (Javali Chandranna Prakash),** Contractor, Bangalore.

Name of the work : Comprehensive Development of Roads and Drains in Lavakusha Nagara, Muneshwara Nagara and Surrounding areas in Ward No.69 under Package-2022-23 RRN-DIV-(13), BBMP, Bangalore

Location : Behind Rakshasi Halla #Sampoora House

Sample Received on : 19.10.2022

Sample ID : Cement Concrete

Size of cubes : 150mmx150mmx150mm

Cross Sectional Area : 22500 mm^2

Technical Reference : IS: 516-1959 (Reaffirmed 2008)

Grade of Concrete : M_{30}

Compressive Strength as on : 7th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	12.10.2022	19.10.2022	8.043	510.2	22.68
2	12.10.2022	19.10.2022	8.016	500.7	22.25
3	12.10.2022	19.10.2022	8.089	518.9	23.06

Note:

1. The Material is satisfied as per the requirement.

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Email: sapiencebangalore@gmail.com

Job No.: SCE/BBMP/JCP/69/2022-2023

Date: 19.10.2022

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client	
Agency	**: Assistant Executive Engineer,** Laggere Sub Division,BBMP, Bangalore.
Name of the work	**: M/s J C Prakash Infrastructure Private Limited (Javali Chandranna Prakash),** Contractor, Bangalore. : Comprehensive Development of Roads and Drains in Lavakusha Nagara, Muneshwara Nagara and Surrounding areas in Ward No.69 under Package-2022-23 RRN-DIV-(13), BBMP, Bangalore
Location	: Behind Rakshasi Halla #Sampoora House
Sample Received on	: 19.10.2022
Sample ID	: Cement Concrete
Size of cubes	: 150mmx150mmx150mm
Cross Sectional Area	: 22500 mm^2
Technical Reference	: IS: 516-1959 (Reaffirmed 2008)
Grade of Concrete	: M_{30}
Compressive Strength as on	: 7th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	12.10.2022	19.10.2022	8.057	516.6	22.96
2	12.10.2022	19.10.2022	8.091	497.3	22.10
3	12.10.2022	19.10.2022	8.125	508.2	22.59

Note:

1. The Material is satisfied as per the requirement.

For Sapience Consultants

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Ph: 9448853634, 8762194186.
Email: sapiencebangalore@gmail.com

Job No.: SCE/BBMP/JCP/69/2022-2023

Date: 20.10.2022

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client Agency : **Assistant Executive Engineer,** Laggere Sub Division,BBMP, Bangalore.

Name of the work : **M/s J C Prakash Infrastructure Private Limited (Javali Chandranna Prakash),** Contractor, Bangalore.
: Comprehensive Development of Roads and Drains in Lavakusha Nagara, Muneshwara Nagara and Surrounding areas in Ward No.69 under Package-2022-23 RRN-DIV-(13), BBMP, Bangalore

Location : Opposite to Uniform Manufactures

Sample Received on : 19.10.2022

Sample ID : Cement Concrete

Size of cubes : 150mmx150mmx150mm

Cross Sectional Area : 22500 mm^2

Technical Reference : IS: 516-1959 (Reaffirmed 2008)

Grade of Concrete : M_{30}

Compressive Strength as on : 7th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	13.10.2022	20.10.2022	8.088	509.6	22.65
2	13.10.2022	20.10.2022	8.051	502.7	22.34
3	13.10.2022	20.10.2022	8.003	517.4	23.00

Note:

1. The Material is satisfied as per the requirement.

For Sapience Consultants

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Email: sapiencebangalore@gmail.com

Job No.: SCE/BBMP/JCP/69/2022-2023

Date: 20.10.2022

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client	
Agency	: **Assistant Executive Engineer,** Laggere Sub Division,BBMP, Bangalore.
Name of the work	: **M/s J C Prakash Infrastructure Private Limited (Javali Chandranna Prakash),** Contractor, Bangalore. : Comprehensive Development of Roads and Drains in Lavakusha Nagara, Muneshwara Nagara and Surrounding areas in Ward No.69 under Package-2022-23 RRN-DIV-(13), BBMP, Bangalore
Location	: Opposite to Uniform Manufactures
Sample Received on	: 19.10.2022
Sample ID	: Cement Concrete
Size of cubes	: 150mmx150mmx150mm
Cross Sectional Area	: 22500 mm^2
Technical Reference	: IS: 516-1959 (Reaffirmed 2008)
Grade of Concrete	: M_{30}
Compressive Strength as on	: 7th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	13.10.2022	20.10.2022	8.106	522.9	23.24
2	13.10.2022	20.10.2022	8.125	504.6	22.43
3	13.10.2022	20.10.2022	8.147	518.5	23.04

Note:

1. The Material is satisfied as per the requirement.

For Sapience Consultants

Authorised Signatory

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Job No.: SCE/BBMP/JCP/69/2022-2023

Date: 20.10.2022

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client	
Agency	**: Assistant Executive Engineer,** Laggere Sub Division,BBMP, Bangalore.
Name of the work	**: M/s J C Prakash Infrastructure Private Limited (Javali Chandranna Prakash),** Contractor, Bangalore. : Comprehensive Development of Roads and Drains in Lavakusha Nagara, Muneshwara Nagara and Surrounding areas in Ward No.69 under Package-2022-23 RRN-DIV-(13), BBMP, Bangalore
Location	: #MR Events Shop road
Sample Received on	: 19.10.2022
Sample ID	: Cement Concrete
Size of cubes	: 150mmx150mmx150mm
Cross Sectional Area	: 22500 mm^2
Technical Reference	: IS: 516-1959 (Reaffirmed 2008)
Grade of Concrete	: M_{30}
Compressive Strength as on	: 7th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	13.10.2022	20.10.2022	8.108	506.2	22.50
2	13.10.2022	20.10.2022	8.129	529.4	23.53
3	13.10.2022	20.10.2022	8.092	515.8	22.92

Note:

1. The Material is satisfied as per the requirement.

For Sapience Consultants

Authorised Signatory

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Job No.: SCE/BBMP/JCP/69/2022-2023

Date : 05.10.2022

GRADATION FOR DRY LEAN CONCRETE
MORTH TABLE-600-1

Client : **Assistant Executive Engineer,** Laggere Sub Division,BBMP, Bangalore.

Agency : **M/s J C Prakash Infrastructure Private Limited (Javali Chandranna Prakash),** Contractor, Bangalore.

Name of Work : Comprehensive Development of Roads and Drains in Lavakusha Nagara, Muneshwara Nagara and Surrounding areas in Ward No.69 under Package-2022-23 RRN-DIV-(13), BBMP, Bangalore

Location : Seenappa Ground Cross Road 1

Sample Received on : 24.09.2022

Date of Testing : 05.10.2022

Material : Dry Lean Concrete

Oven Dry Wt (gm): **10000**

Is Sieve Size in mm	Weight Retained (gm)	Cumulative Weight Retained (gm)	Cumulative % of Retained	Cumulative % of Passing	Spec.Limits
26.5	0	0	0	100	100
19	963	963	9.6	90.4	75-95
9.5	1058	2021	20.2	79.8	50-70
4.75	1247	3268	32.7	67.3	30-55
2.36	3461	6729	67.3	32.7	17-42
0.6	1362	8091	80.9	19.1	8-22
0.3	298	8389	83.9	16.1	7-17
0.15	517	8906	89.1	10.9	2-12
0.075	525	9431	94.3	5.7	0-10

Note:

1. The Material is satisfied as per the requirement.

For Sapience Consultants

Authorised Signatory

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JobNo: SCE/BBMP/JCP/69/2022-2023 Date 30.09.2022

GRADATION FOR GSB (Grading V)

Client	**: Assistant Executive Engineer,** Laggere Sub Division,BBMP, Bangalore.
Agency	**: M/s J C Prakash Infrastructure Private Limited (Javali Chandranna Prakash),** Contractor, Bangalore.
Name of work	: Comprehensive Development of Roads and Drains in Lavakusha Nagara, Muneshwara Nagara and Surrounding areas in Ward No.69 under Package-2022-23 RRN-DIV-(13), BBMP, Bangalore
Location	: Seenappa Ground Cross Road 1
Sample Received on	: 24.09.2022
BIS Code	: IS 2386 Part (1):1963 : IS 2720 part (5):1985
Date of Testing	: 28.09.2022 to 30.09.2022

Oven Dry Wt (gm) : 13000

TABLE – 1

Is Sieve Size in mm	Weight Retained (gm)	Cumulative Weight Retained (gm)	Cumulative % of Retained	Cumulative % of Passing	Requirements as per MORTH 5th edition table 400.1
75	0	0	0.00	100	100
53	515	515	3.96	96.04	80-100
26.5	2009	2524	19.42	80.58	55-90
9.5	2364	4888	37.60	62.40	35-65
4.75	2475	7363	56.64	43.36	25-50
2.36	3301	10664	82.03	17.97	10-20
0.85	1289	11953	91.95	8.05	2-10
0.425	562	12515	96.27	3.73	0-5

Table 2

Sl. No.	Particulars	Test Results	Requirements as per MORTH 5th edition table 400.2
1	Liquid Limit, %	20.50	25.0% Maximum.
2	Plasticity Index, %	Non Plastic	6.0% Maximum.

Remarks: Satisfies MORTH Specifications as per Table 400-1, Grading V

Note:

1. The Material is satisfied as per the requirement.

For Sapience Consultants

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